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(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2006/0264120 A1**  
(43) **Pub. Date: Nov. 23, 2006**(54) **PORTABLE INFORMATION TERMINAL  
MOUNTABLE ON SHOPPING CART AND  
REMOVABLE MEMORY DEVICE USABLE  
WITH SAME**(52) **U.S. Cl. .... 439/752**(57) **ABSTRACT**(75) Inventors: **R. Sylvain Perrier**, Newmarket (CA);  
**Jeremy List**, Newmarket (CA); **Mark  
Edey**, Ottawa (CA)

Correspondence Address:

**BIRCH STEWART KOLASCH & BIRCH  
PO BOX 747  
FALLS CHURCH, VA 22040-0747 (US)**(73) Assignee: **SPRN Licensing SRL**, St. Michael (BB)(21) Appl. No.: **11/411,900**(22) Filed: **Apr. 27, 2006****Related U.S. Application Data**(60) Provisional application No. 60/675,849, filed on Apr.  
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A system made up of a portable information terminal mountable on a shopping cart for providing product and advertising information while the cart is moved inside a store and an external memory device connectable to the portable information terminal, the external memory device including a memory housing, a non-volatile memory storing data in the memory housing, and a first electrical connector projecting from the housing for allowing a processor to access the stored data; the portable terminal including a terminal housing including a display, a processor in the terminal housing for causing the display to display product information and advertisements, and a second electrical connector inside the housing complementary to the first electrical connector for connecting an external memory device to the processor, the terminal housing including a passage providing access to the second electrical connector from outside the terminal housing and at least one door recessed in the passage shiftable from a first position blocking the passage to a second position by inserting the external memory device into the passage.

